This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A low profile commercial greenhouse adapted for growing plants, comprising:

at least one housing having an upper end, a lower end and a polygonal, cylindrical, tubular or oval shape, the housing defining a plant retaining space adapted to receive growing plants, the plant retaining space having a height sufficient to provide a predetermined amount of spatial clearance between the upper end of the housing and an upper end of plants growing therein to permit circulation of air and other fluids about at least a portion of the plants growing therein while having a height sufficiently short that prevents a grower of plants from physically entering the plant retaining space of the housing **for routine plant care**; and

means for moving plants disposed in the plant retaining space of the housing in relation to the housing of the low profile commercial greenhouse.

2. (Original) The low profile commercial greenhouse of claim 1 wherein the lower end of the housing is closed, thereby forming a base.

3. (Previously Presented) The low profile commercial greenhouse of claim 2 wherein the means for moving plants disposed in the plant retaining space of the housing in relation to the housing of the low profile commercial greenhouse is further defined as a conveyor system disposed in the plant retaining space of the housing such that plants disposed on the conveyor system can be moved in the plant retaining space or to enhance insertion and/or removal of the plants from the plant retaining space of the housing of the low profile commercial greenhouse.

4. (Original) The low profile commercial greenhouse of claim 3 wherein the housing is provided with at least one opening through which the conveyor system extends, thereby providing an entry and/or an exit for plants from the plant retaining space of the housing of the low profile commercial greenhouse.

5. (Original) The low profile commercial greenhouse of claim 1 wherein the upper end of the housing is further defined as a light-transmitting upper end.

6. (Original) The low profile commercial greenhouse of claim 1 wherein the upper end of the housing is further defined as a closed upper end, and wherein at least a portion of the closed upper end is light-transmitting.

7. (Previously Presented) The low profile commercial greenhouse of claim 1 wherein at least a portion of the housing is movable independently of the rest of the housing, thereby forming a lid or door which provides an individual access to the plant retaining space of the housing.

8. (Original) The low profile commercial greenhouse of claim 1 wherein the housing is sealed such that the housing is substantially gas and liquid impermeable, whereby the plant retaining space of the housing is provided with an atmosphere disposed therein.

9. (Previously Presented) The low profile commercial greenhouse of claim 8 wherein the housing is provided with at least one aperture whereby the atmosphere provided in the plant retaining space of the housing may be modified by at least one of injecting or removing a disinfectant, injecting or removing water, injecting or removing nutrients, varying oxygen, carbon dioxide, nitrogen and/or other gas concentrations, varying temperature, varying humidity, varying intensity of light or spectrum of light from natural or artificial

sources, exhausting the atmosphere in the plant retaining space of the housing and combinations thereof.

10. (Previously Presented) The low profile commercial greenhouse of claim 1 wherein the housing is substantially gas permeable, and the plant retaining space of the housing is provided with an atmosphere disposed therein wherein the atmosphere provided in the plant retaining space of the housing may be modified by at least one of injecting or removing a disinfectant, injecting or removing water, injecting or removing nutrients, varying oxygen, carbon dioxide, nitrogen and/or other gas concentrations, varying temperature, varying humidity, varying intensity of light or spectrum of light from natural or artificial sources, exhausting the atmosphere in the plant retaining space of the housing and combinations thereof.

11. (Original) The low profile commercial greenhouse of claim 10 wherein the housing is substantially liquid impermeable.

12. (Original) The low profile commercial greenhouse of claim 10 wherein the housing is liquid permeable.

13. (Previously Presented) The low profile commercial greenhouse of claim 1 further comprising an artificial light source wherein intensity of light and spectrum of light from the artificial light source can be varied.

14. (Canceled)

15. (Previously Presented) The low profile commercial greenhouse of claim 1 wherein at least a portion of the housing of the low profile commercial greenhouse is inflatable.

16. (Currently Amended) A method for growing plants, comprising:

providing a low profile commercial greenhouse comprising:

at least one housing having an upper end and a lower end, the housing having a polygonal, cylindrical, tubular or oval shape, the housing defining a plant retaining space adapted to receive growing plants, the plant retaining space having a height sufficient to provide a predetermined amount of spatial clearance between the upper end of the housing and an upper end of plants growing therein to permit circulation of air and other fluids about at least a portion of the plants growing therein while having a height sufficiently short that

prevents a grower of plants from physically entering the plant retaining space of the housing **for routine plant care**; and

means for moving plants disposed in the plant retaining space of the housing in relation to the housing of the low profile commercial greenhouse;

providing plants to be grown therein;

disposing the plants in the plant retaining space of the housing;

moving the plants in relation to the housing of the low profile commercial greenhouse such that the plants receive adequate exposure to light;

feeding and watering the plants growing within the low profile commercial greenhouse until the plants mature to a marketable size; and

removing the plants from the housing of the low profile commercial greenhouse.

17. (Original) The method of growing plants of claim 16 wherein, in the step of providing a low profile commercial greenhouse, the lower end of the housing is closed, thereby forming a base.

18. (Original) The method of growing plants of claim 16 wherein, in the step of providing a low profile commercial greenhouse, the upper end of the housing is light-transmitting.

19. (Original) The method of growing plants of claim 16 wherein, in the steps of providing a low profile commercial greenhouse, disposing the plants in the plant retaining space of the housing and removing the plants from the housing of the low profile commercial greenhouse, at least a portion of the housing is movable independently of the rest of the housing, thereby forming a lid or door which provides an individual access to the plant retaining space of the housing for disposing and removing the plants from the plant retaining space of the housing of the low profile commercial greenhouse.

20. (Original) The method of growing plants of claim 16 wherein the step of disposing the plants in the plant retaining space of the housing further comprises sealing the housing such that the housing is substantially gas and liquid impermeable whereby the plant retaining space of the housing is provided with an atmosphere disposed therein.

21. (Previously Presented) The method of growing plants of claim 20 wherein, in the step of providing a low profile commercial greenhouse, the

housing is provided with at least one aperture whereby the atmosphere provided in the plant retaining space of the housing may be modified by at least one of injecting or removing a disinfectant, injecting or removing water, injecting or removing nutrients, varying oxygen, carbon dioxide, nitrogen and/or other gas concentrations, varying temperature, varying humidity, varying intensity of light or spectrum of light from natural or artificial sources sources, exhausting the atmosphere in the plant retaining space of the housing and combinations thereof.

22. (Previously Presented) The method of growing plants of claim 16 wherein, in the step of providing a low profile commercial greenhouse, the housing is substantially gas permeable, and the plant retaining space of the housing is provided with an atmosphere disposed therein wherein the atmosphere provided in the plant retaining space may be modified by at least one of injecting or removing a disinfectant, injecting or removing water, injecting or removing nutrients, varying oxygen, carbon dioxide, nitrogen and/or other gas concentrations, varying temperature, varying humidity, varying intensity of light or spectrum of light from natural or artificial sources, exhausting the atmosphere in the plant retaining space of the housing and combinations thereof.

23. (Original) The method of growing plants of claim 22 wherein, in the step of providing a low profile commercial greenhouse, the housing is liquid permeable.

24. (Original) The method of growing plants of claim 22 wherein, in the step of providing a low profile commercial greenhouse, the housing is substantially liquid impermeable.

25. (Previously Presented) The method of growing plants of claim 16 wherein, in the step of providing a low profile commercial greenhouse, the low profile commercial greenhouse further comprises an artificial light source wherein intensity of light and spectrum of light from the artificial light source can be varied.

26. (Previously Presented) The method of growing plants of claim 16 wherein, in the step of providing a low profile commercial greenhouse, the means for moving plants disposed in the plant retaining space of the housing in relation to the housing of the low profile commercial greenhouse is further defined as a conveyor system disposed in the plant retaining space of the housing such that plants disposed on the conveyor system can be moved in the

plant retaining space or to enhance insertion and/or removal of plants from the plant retaining space of the housing of the low profile commercial greenhouse.

27. (Original) The method of growing plants of claim 26 wherein the housing is provided with at least one opening through which the conveyor system extends, thereby providing an entry and/or an exit for plants from the plant retaining space of the housing of the low profile commercial greenhouse.

28. (Canceled)

29. (Previously Presented) The method of growing plants of claim 16 wherein, in the step of providing a low profile commercial greenhouse, at least a portion of the housing of the low profile commercial greenhouse is inflatable.

30. (Original) The method of growing plants of claim 16 wherein, in the step of providing plants, the plants are selected from the group consisting of botanical items, propagules, vegetables, flowers, herbs, mushrooms, cultures, organisms, and combinations thereof.

31. (Previously Added) The low profile commercial greenhouse of claim 1 wherein the lower end of the housing is open, and a bottom of the housing is formed from a surface on which the housing rests.

32. (Previously Added) The low profile commercial greenhouse of claim 1 wherein the means for moving plants disposed in the plant retaining space of the housing in relation to the housing of the low profile commercial greenhouse is further defined as a conveyor system disposed in the plant retaining space of the housing such that plants disposed on the conveyor system can be moved in the plant retaining space or to enhance insertion and/or removal of the plants from the plant retaining space of the housing of the low profile commercial greenhouse.

33. (Previously Added) The low profile commercial greenhouse of claim 5 wherein the upper end of the housing is constructed of a material that is spectrum modulatory.

34. (Previously Added) The low profile commercial greenhouse of claim 6 wherein the upper end of the housing is constructed of a material that is spectrum modulatory.

35. (Previously Added) The method of claim 16 wherein, in the step of providing a low profile commercial greenhouse, the lower end of the housing is open, and a bottom of the housing is formed from a surface on which the housing rests.

36. (Previously Added) The method of claim 18 wherein the upper end of the housing is constructed of a material that is spectrum modulatory.

37. (Previously Added) A plant grown in a low profile commercial greenhouse, the low profile commercial greenhouse comprising:

at least one housing having an upper end, a lower end and a polygonal, cylindrical, tubular or oval shape, the housing defining a plant retaining space adapted to receive growing plants, the plant retaining space having a height sufficient to provide a predetermined amount of spatial clearance between the upper end of the housing and an upper end of plants growing therein to permit circulation of air and other fluids about at least a portion of the plants growing therein while having a height sufficiently short that prevents a grower of plants from physically entering the plant retaining space of the housing **for routine plant care**; and

means for moving plants disposed in the plant retaining space of the housing in relation to the housing of the low profile commercial greenhouse.

38. (Previously Added) The plant of claim 37 wherein the plant is selected from the group consisting of botanical items, propagules, vegetables, flowers, herbs, mushrooms, cultures, organisms, and combinations thereof.

39. (Previously Added) A plant grown by a method comprising the steps of:

providing a low profile commercial greenhouse comprising:

at least one housing having an upper end and a lower end, the housing having a polygonal, cylindrical, tubular or oval shape, the housing defining a plant retaining space adapted to receive growing plants, the plant retaining space having a height sufficient to provide a predetermined amount of spatial clearance between the upper end of the housing and an upper end of plants growing therein to permit circulation of air and other fluids about at least a portion of the plants growing therein while having a height sufficiently short that prevents a grower of plants from physically entering the plant retaining space of the housing **for routine plant care**; and

means for moving plants disposed in the plant retaining space of the housing in relation to the housing of the low profile commercial greenhouse;

providing plants to be grown therein;

disposing the plants in the plant retaining space of the housing;

moving the plants in relation to the housing of the low profile commercial greenhouse such that the plants receive adequate exposure to light;

feeding and watering the plants growing within the low profile commercial greenhouse until the plants mature to a marketable size; and

removing the plants from the housing of the low profile commercial greenhouse.

40. (Previously Added) The plant of claim 39 wherein the plant is selected from the group consisting of botanical items, propagules, vegetables, flowers, herbs, mushrooms, cultures, organisms, and combinations thereof.

41. (Newly Added) The low profile commercial greenhouse of claim 1, wherein the height of the plant retaining space of the at least one housing is in a range of from about 2 feet to about 4 feet.

42. (Newly Added) The method of claim 16 wherein, in the step of providing the low profile commercial greenhouse, the height of the plant retaining space of the at least one housing is in a range of from about 2 feet to about 4 feet.

43. (Newly Added) The plant grown in a low profile commercial greenhouse of claim 37, wherein the height of the plant retaining space of the at least one housing of the low profile commercial greenhouse is in a range of from about 2 feet to about 4 feet.

44. (Newly Added) The plant of claim 39 wherein, in the step of providing a low profile commercial greenhouse, the height of the plant retaining space of the at least one housing is in a range of from about 2 feet to about 4 feet.